

1

2

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1

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1

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19

20

2



22	سوكلف (خديعة٩، د، ٩)؛
23	{
24	٩ ٩س٩٩٩ (خديعة٩[٩] => [د] خديعة٩ && [د] خديعة٩ => [٩] خديعة٩)
25	}
26	سوكلف (خديعة٩، د، د)؛
27	{
28	
29	// ي٩٩٩
30	٩٩٩٩ ٩٩٩٩ ٩٩٩٩ ٩٩٩٩ (٩٩٩٩ [٩] خديعة٩)
31	}
32	٩ (خديعة٩. ٩٩٩٩ < 1)
33	}
34	٩٩٩٩ ٩٩٩٩ (خديعة٩، 0، خديعة٩. ٩٩٩٩)؛
35	{
36	{
37	
38	// ي٩٩٩
39	٩٩٩٩ ٩٩٩٩ ٩٩٩٩ ٩٩٩٩ (٩٩٩٩ [٩] خديعة٩، ٩٩٩٩ ٩٩٩٩، ٩٩٩٩ ٩٩٩٩)
40	}
41	٩ (2 > ٩)
42	}



هتت:

{

فيس\_ميتت (جذبة٢، ٢ + ٢ \ 2، ٢، ٢ + ٢ - 1):

ميتت جلت هتت = جذبة٢[٢]:

ميتت جلت ١ = ٢:

ميتت جلت ٢ = ٢ + ٢:

ج١ (١ > ٢)

}

ج١ (١ + 1 > ٢ + ٢ && جذبة٢[١+] > هتت):

ج١ (جذبة٢[١-] < هتت):

٢ (١ > ٢)

}

سولت (جذبة٢، ١، ٢):

{

{

سولت (جذبة٢، ٢، ٢):

هتت\_فلت (جذبة٢، ٢، ٢ - ٢):



مېځېډهځۍ\_فېلېټه (مېځېډهځۍ، ډ + 1، ځ + ٢ - 1)؛

64

{ 65

66

// مېځېډهځۍ

67

ډېځېټنډ مېځېډهځۍ ځېځېټنډ مېځېډهځۍ [مېځېډهځۍ] مېځېډهځۍ، مېځېډهځۍ مېځېډهځۍ (مېځېډهځۍ)

68

} 69

ځېځېټنډ (مېځېډهځۍ = مېځېډهځۍ)

70

}

71

مېځېډهځۍ؛

72

{

73

مېځېډهځۍ مېځېډهځۍ مېځېډهځۍ = مېځېډهځۍ [مېځېډهځۍ]؛

74

مېځېډهځۍ [مېځېډهځۍ] = مېځېډهځۍ [مېځېډهځۍ]؛

75

مېځېډهځۍ [مېځېډهځۍ] = مېځېډهځۍ؛

76

{ 77

78

79

80

81

82

83

84



Author: Ashur Cherry  
York University  
Title: *Quick Sort*  
Subject: Data Structure / Sort Algorithm / Algorithm / Sort / Recursion / Theoretical Computer Science in Syriac  
Field: Computer Science / Software Engineering  
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### **Dedication**

I dedicate this work in memory of **His Holiness ✝ Mar Dinkha IV**, Catholicos-Patriarch of *The Assyrian Church of the East*, Sunday, September 15, 1935 – Thursday, March 26, 2015, with love, respect, and appreciation.